CLAIMS

1. A gas mixture, in particular for inflating the tyres of vehicles, characterised in that it consists of a mixture with a high heat transfer capacity.
2. A gas mixture suitable for injection to inflate the tyres of vehicles according to claim 1, characterised in that this mixture with a heat transfer capacity consists of hydrofluorocarbon-based compositions.
3. A gas mixture according to one of the foregoing claims, characterised in that this hydrofluorocarbon-based composition comprises a percentage of pentafluoroethane HFC 125.
4. A gas mixture according to one of the foregoing claims, characterised in that this hydrofluorocarbon-based composition comprises a percentage of trifluoroethane HFC 143A.
5. A gas mixture according to one of the foregoing claims, characterised in that this hydrofluorocarbon-based composition comprises a percentage of tetrafluoroethane HFC 134A.
6. A gas mixture according to one of the foregoing claims, characterised in that this hydrofluorocarbon-based composition comprises 44% of Pentafluoroethane HFC 125, 52% of Trifluoroethane HFC 143A and 4% of Tetrafluoroethane HFC 134A, to obtain a basic mixture called HFC 404A.
7. A gas mixture according to one of the foregoing claims, characterised in that it also comprises a percentage of carbon dioxide.
8. A gas mixture according to claim 7, characterised in that the percentage of carbon dioxide is around 50%.
9. A gas mixture according to claim 8, characterised in that it consists of 50% of CO_2, 22% of HFC 125 Pentafluoroethane, 26% of HFC 143A Trifluoroethane,

and 2% of HFC 134A Tetrafluoroethane.